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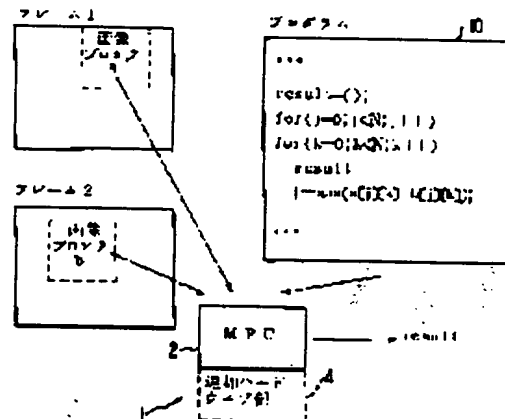
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(54) IMAGE COMPRESSION PROCESSING UNIT

(57)Abstract:

PROBLEM TO BE SOLVED: To allow a processing unit to conduct real time processing and to quickly cope with the revision of image compression processing algorithm.

SOLUTION: An image compression processing unit 1 has an MPU 2, an additional hardware section 4, and an instruction storage section. The instruction storage section stores image compression processing instructions, including a motion compensation processing instruction for instructing motion compensation processing and general processing instructions that instruct processing, other than the motion compensation processing among image compression processing sets. The MPU 2 interprets and executes general processing instructions. The additional hardware section 4 has a motion compensation processing instruction decoding section, a motion compensation processing instruction execution section and a block register. The motion compensation processing instruction decoding section interprets the motion compensation processing instruction. The block register stores image blocks. The motion compensation processing instruction execution section executes the interpreted motion compensation processing instruction with respect to each pixel of image blocks.



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